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Figures
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Index at acceptance:—Class 94(i), G(1f:4).

COMPLETE SPECIFICATION

Improvements in or relating to a Packing Structure

We, KARTRIDG-PAK MACHINE Co., a corporation organised under the laws of the State of Illinois, United States of America, of City of Chicago, State of Illinois, United States of America, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to a package, for link-type sausages.

The present invention provides a composite package and individual banding means for link-type sausages, which includes a generally flat flexible strip, a plurality of sausages arranged side by side, approximately in sidewise abutment with each other on said strip, and generally perpendicular to the length of the strip, the length of the sausages substantially exceeding the width of the strip, the strip, when the package is completed, being generally tangential to the sausages, a second strip including portions surrounding and engaging the exterior of each said sausage throughout a substantial part of the circumference of the sausage, the sausage engaging portions of the second strip forming sharp folds underlying the sausages, the opposite folds along each sausage being spaced sufficiently apart to permit contact of the first strip and the sausage, the part of the second strip between the folds along adjacent sausages being opposed to and secured to the lower strip, the two strips being weakened along a line of separation intermediate each pair of adjacent sausages, the secured portions of the two strips forming a band about the middle of each sausage when the sausages are separated.

One object is to provide a package of any length desired by means of which a number of articles are detachably secured together. Another object is to provide such a package so arranged that advertising or label matter is secured not only to the package as a whole but to individual

articles when they are separated from each other. A further object is to provide a package in which a ring or band is fastened about each article and remains so fastened when the individual articles are separated. In the particular form shown, where sausages are secured together, each has a band about it which carries a trade-mark, a label, or advertising matter, and even when the individual sausages are separated, a band remains about each one. It is an object of the invention to produce such a structure and such a package. Other objects will appear from time to time throughout the specification and claims.

The invention is illustrated more or less diagrammatically in the accompanying drawing, wherein:—

Figure 1 is a top plan view of a package with parts broke away;

Figure 2 is a bottom plan view;

Figure 3 is a longitudinal section taken through the package of Figure 1 at line 3—3.

Like parts are designated by like characters throughout the specification and drawing.

In the particular form shown, a number of sausages 1 are banded together. The package comprises a lower member 2 which has upon it an adhesive 3. This adhesive is preferably heat responsive, so that when heated it will adhere. As shown, the adhesive extends over the entire surface of the member 2, but the invention is not limited to this feature, and the adhesive might be applied in limited areas so that a necessary band can be formed only wherever required.

An upper member 4 is associated with the lower member 2 and has adhesive 5 applied to it. This adhesive may be like the adhesive 3 and may be similar in extent to it, extending over the entire surface of the member 4 or being applied only in limited areas where necessary.

In the completed article, the upper and lower bands 2 and 4 are sealed or bonded together between the articles at areas or

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perforations might be completely omitted and the paper notched at its edges to initiate tearing. In other words, the invention is not limited to any particular sort of perforations or notches. As above pointed out, it is also not limited to any particular fastening means. We have spoken of a single or a double row or strip of adhesive, and the device might embody a single line of adhesive without perforations or a single line of adhesive with perforations. It might embody a double line of adhesive without perforations, or a double line of adhesive with perforations. Where we have used the word "adhesive", any suitable fastening means is to be understood as within the meaning of the language and within the scope of our invention.

In general, the bands 2 and 4 may be of the same width and both relatively flexible. They may, however, be of different widths, one broader than the other, and they may be relatively inflexible. One obvious embodiment of the invention is that in which the lower member 2 is a card or card-board piece and is stiffer and of greater width than the band 4. Where in the claims, the holding means are referred to as "strips", that language is to be taken as including holding members of varying degrees of flexibility and rigidity, and of different widths. In this sense, therefore, if the lower member were a card and the upper member a band, the expression "strips" is to be considered as describing both that arrangement and an arrangement of two flexible strips.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. A composite package and individual banding means for link-type sausages, which includes a generally flat flexible strip, a plurality of sausages arranged side by side, approximately in sidewise abutment with each other on said strip, and generally perpendicular to the length of the strip, the length of the sausages substantially exceeding the width of the strip, the strip, when the package is completed, being generally tangential to the sausages, a second strip including portions surrounding and engaging the exterior of each said sausage throughout a substantial part of the circumference of the sausage, the sausage engaging portions of the second strip forming sharp folds underlying the sausages, the opposite folds along each sausage being spaced sufficiently apart to permit contact of the

first strip and the sausage, the part of the second strip between the folds along adjacent sausages being opposed to and secured to the lower strip, the two strips being weakened along a line of separation intermediate each pair of adjacent sausages, the secured portions of the two strips forming a band about the middle of each sausage when the sausages are separated.

2. A packaging structure by means of which a plurality of link-type sausages, for example substantially circular sausages, are banded and connected together side by side in a substantially straight row; said packaging structure being constructed from two strips of sheet material and consisting of a series of loop portions formed from spaced sections of both strips and a series of intervening web portions formed from contacting sections of both strips, which contacting sections are secured to each other; the loop portions closely encircling the sausages and being disposed, when the packaging structure is placed in a flat position, with the sides of adjoining loop portions approximately in abutment with each other and with the bottoms of adjoining loop portions spaced apart from each other; the intervening web portions being located a substantial distance below the approximately abutting sides of the loop portions at a point adjacent the lower face of the packaging structure when the latter is placed in a flat position, and being connected to the spaced apart bottoms of the loop portions; said web portions being weakened along a transverse line intermediate their ends whereby to tear crosswise when forcibly pulled apart without disrupting the loop portions encircling the sausages.

3. A packaging structure according to claim 2, having upper and lower strips of thin flexible sheet material.

4. A packaging structure according to claim 2 or 3, wherein said series of loop portions are substantially circular.

5. A packaging structure according to claim 2, wherein said series of intervening web portions are normally flat but readily flexible.

6. A packaging structure according to claim 2, wherein the contacting sections of both strips are adhesively bonded to each other throughout substantially the entire areas of the web portions.

7. A packaging structure according to claim 2, wherein the web portions are perforated along said transverse line intermediate their ends.

8. A composite package or packaging structure substantially as herein described with reference to the accompanying drawings.

[This Drawing is a reproduction of the Original on a reduced scale.]

